

Status Report

Krister Larsson



Current activities

- Tango DS
 - Blade monitor using NI-DAC, Wire monitor using Keithley 2001, Accessing Ion chamber values from marDtb.
 - Archiving
 - Thorlabs Apt stepper motor controller, interfaced by spec
- Controlling a complete beamline (SAXS) using Tango and Spec
- A call for tender resulted in the acquisition of an MD-2 diffractometer

Soleil field trip

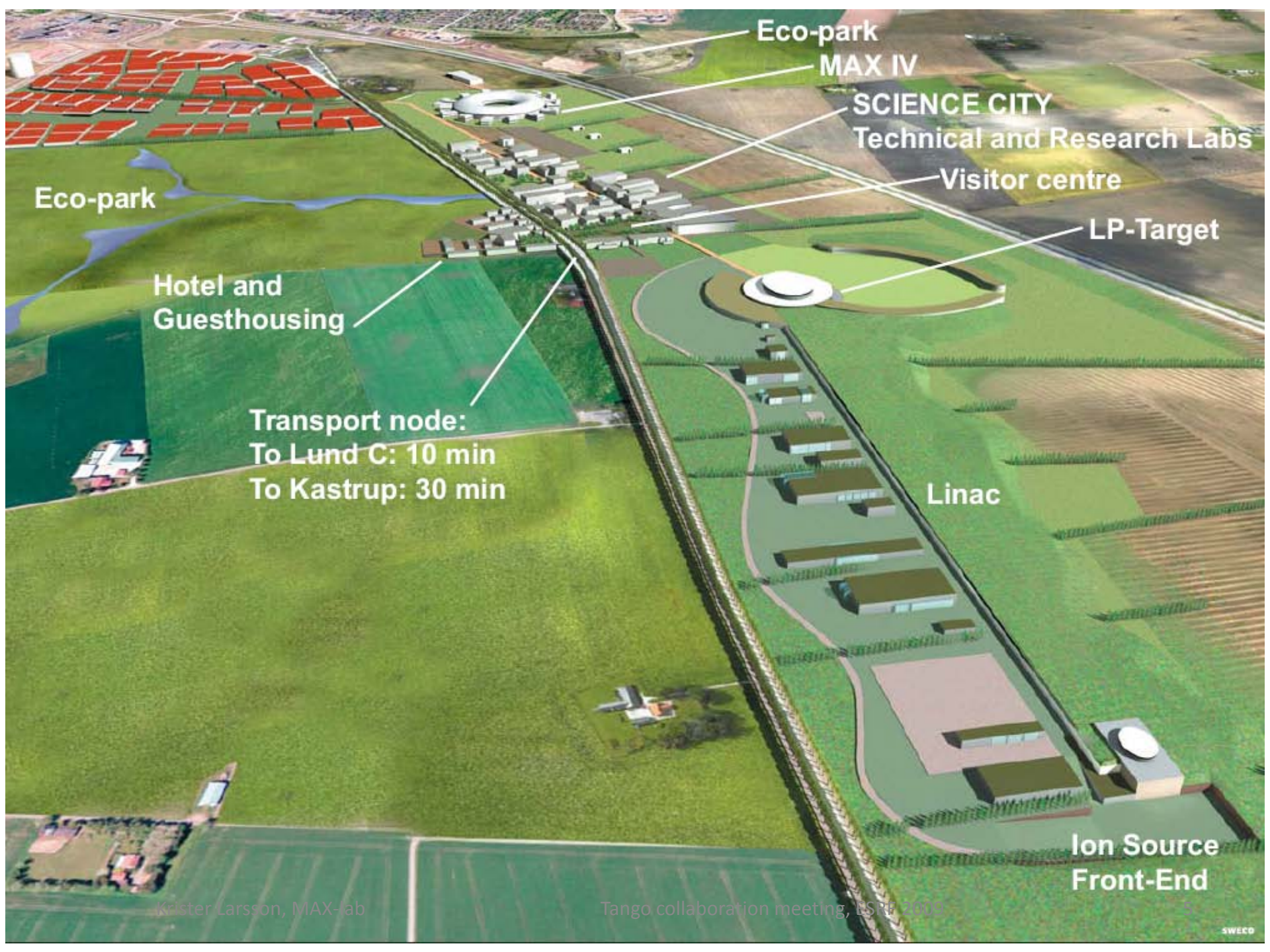
- February 2009
- Overview
 - Organisation
 - Standards
- Specific presentations by software staff
- Visits on the beamlines

MAX IV

Green Light for MAX IV



On April 27th at the Old Bishops House in Lund a MOU was signed between the Swedish Research Council (VR), the Swedish Governmental Agency for Innovation Systems (VINNOVA), Lund University and Region Skåne, defining the start of the MAX IV project. These stakeholders represent a large fraction of the first phase investment costs. A consortium will be set up with the goal to break ground in 2010.



Eco-park

MAX IV

SCIENCE CITY

Technical and Research Labs

Visitor centre

LP-Target

Eco-park

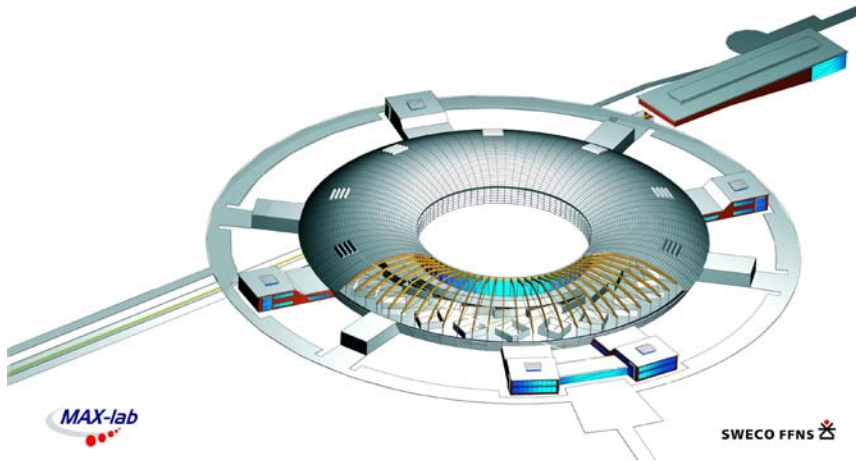
Hotel and Guesthousing

Transport node:
To Lund C: 10 min
To Kastrup: 30 min

Linac

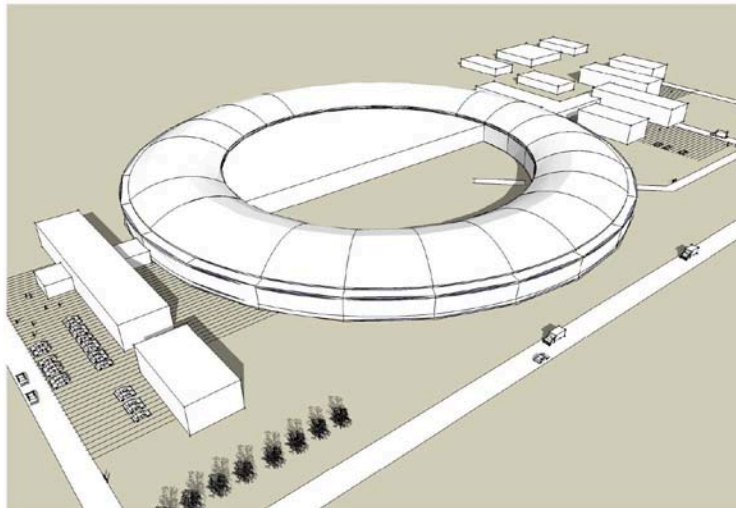
Ion Source
Front-End

The proposed MAX IV facility



Nattkäls från ovan, förslag 2

MAX LAB IV / NYTT KONCEPT / 20081031 / SWECO ARCHITECTS / SIDA 12

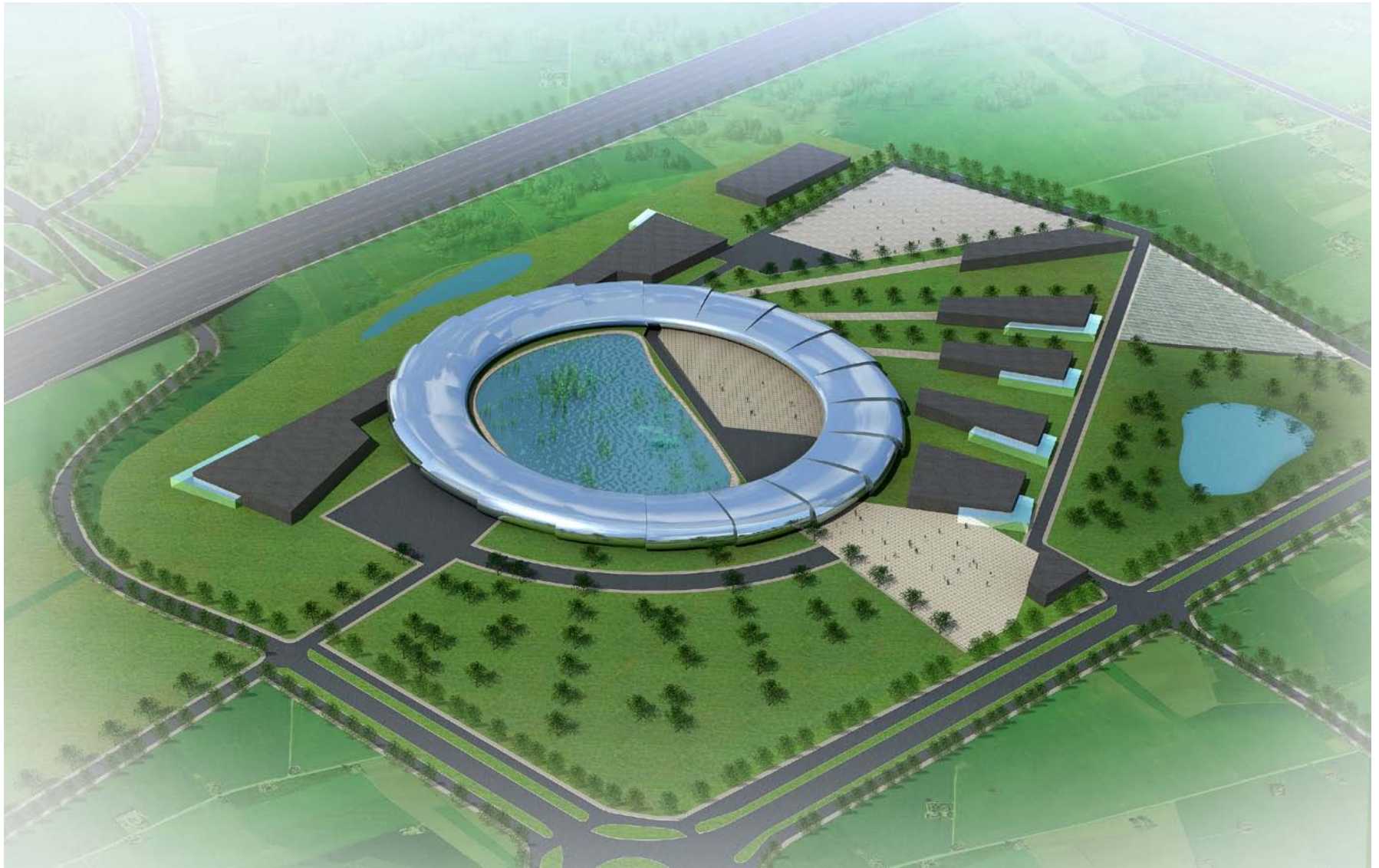


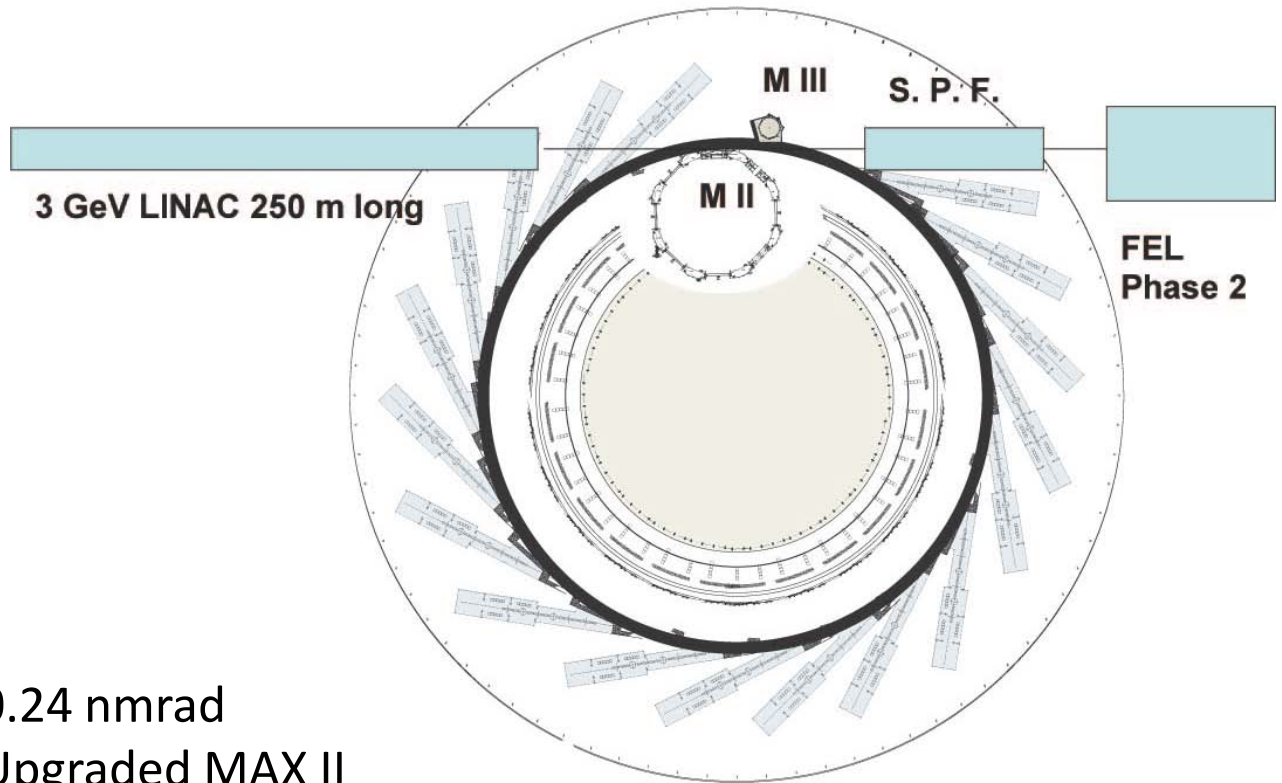
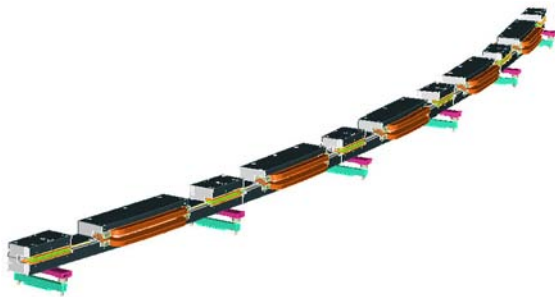
Krister Larsson, MAX-lab



SWECO FFNS 2005-09-27

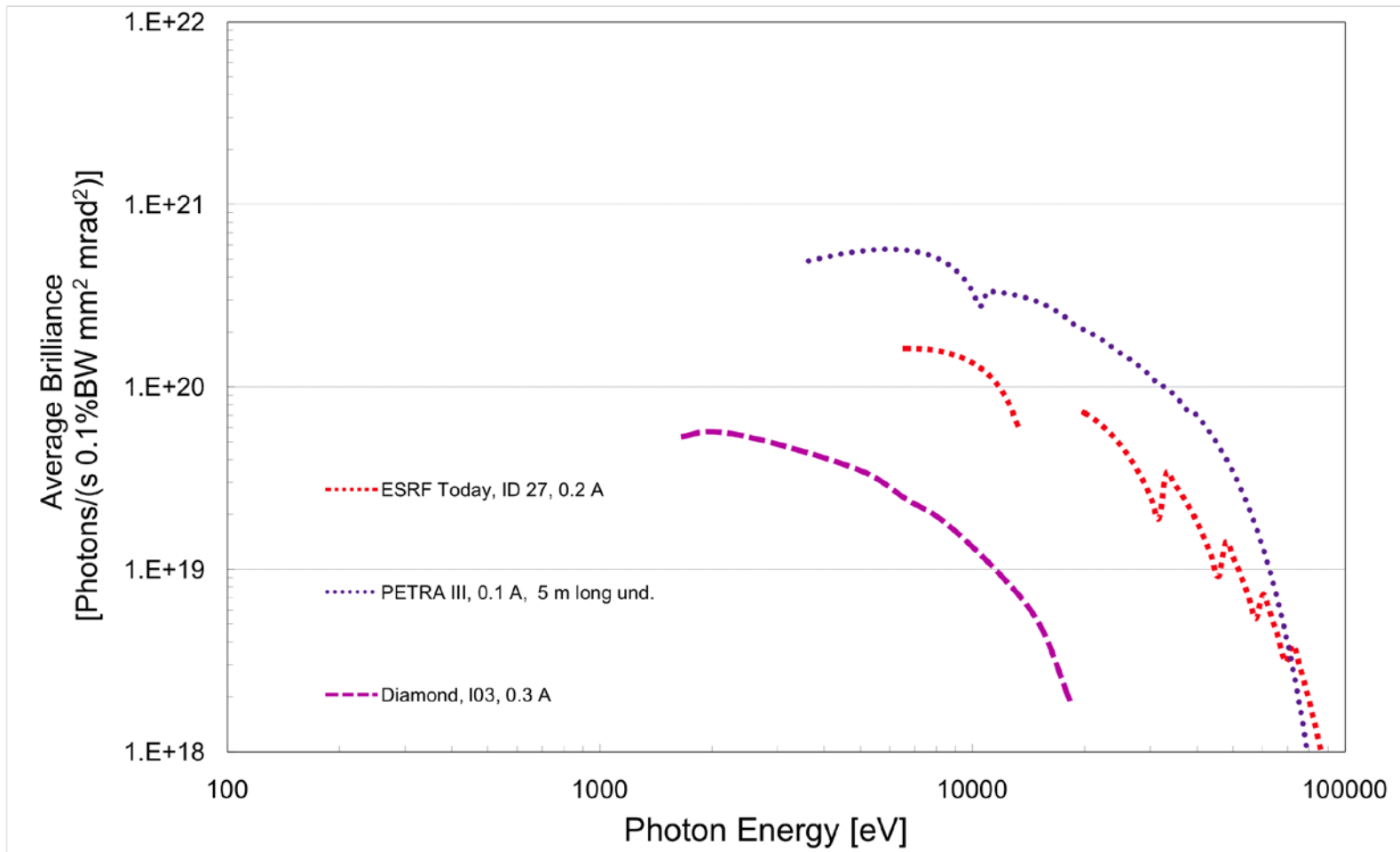
Tango collaboration meeting, ESRF 2009

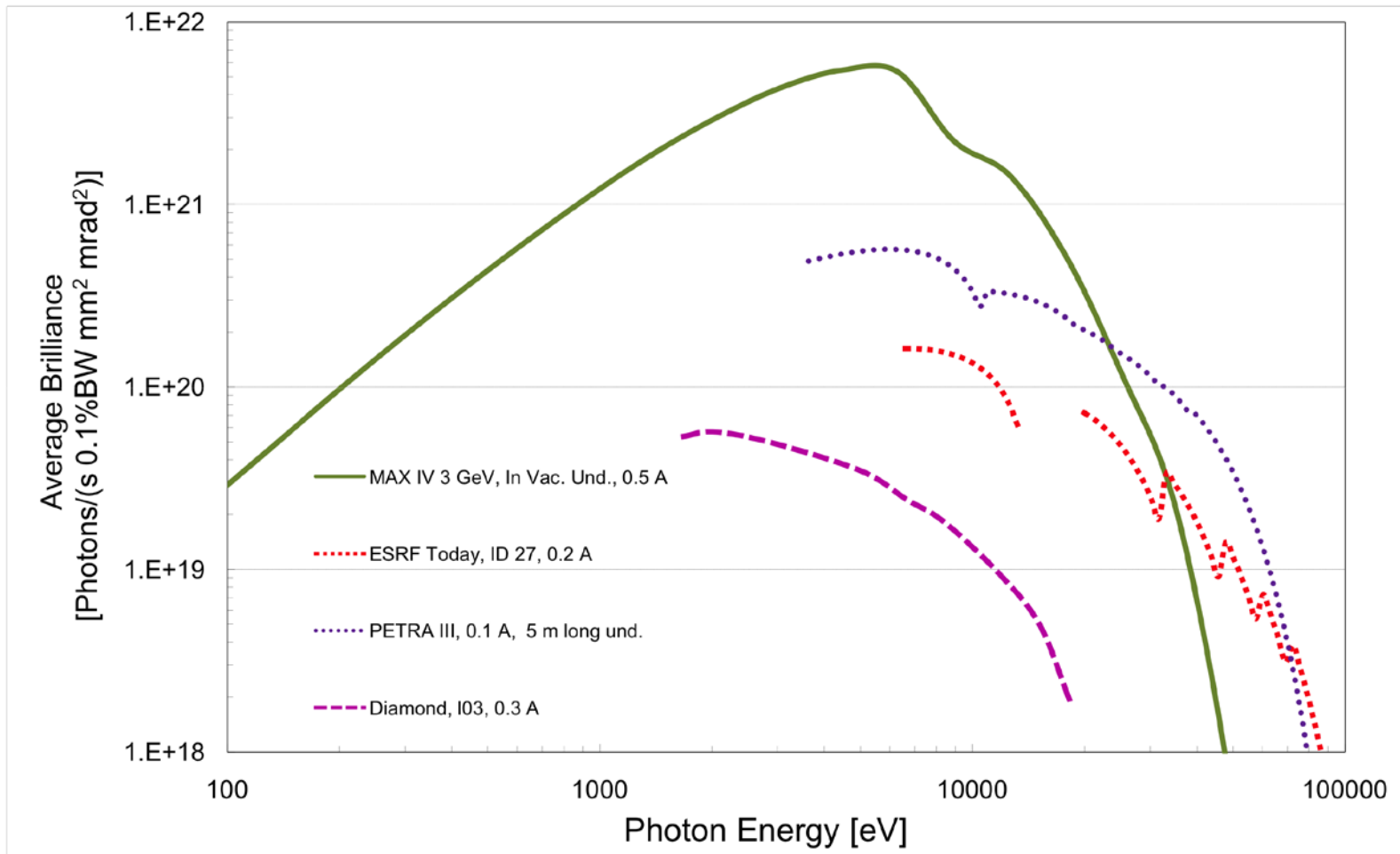




3 GeV ring
 1-1.5 GeV ring
 0.7 GeV ring
 3 GeV linac

0.24 nrad
 Upgraded MAX II
 MAX III
 Injection + Short Pulse Facility





Future Control System

- Workgroup formed
 - Machine
 - Beamlines
 - Security
- No decision yet

